

Europäisches Patentamt

Zweigstelle in Den Haag Recherchenabteilung European Patent Office

Branch at The Hague Search division Office européen des brevets

Département à La Haye Division de la recherche

Kensett, John Hinton Saunders & Dolleymore, 9 Rickmansworth Road Watford, Hertfordshire WD18 OJU GRANDE BRETAGNE

Datum/Date	
12.09.03	

Zeichen/Ref./Réf.

10967EP: JK

Anmeldung Nr./Application No./Demande n°./Patent Nr./Patent No./Brevet n°.

02250410.4-1248-

Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire ALPS ELECTRIC CO., LTD.

COMMUNICATION

		atent Office herewith transmited European patent application	s as an enclosure the European search report for the n.
If a	oplicable, cop	oies of the documents cited in	the European search report are attached.
	Additional seas well.	et(s) of copies of the documer	its cited in the European search report is (are) enclosed
The	following sp	ecifications given by the appli	cant have been approved by the Search Division:
	X a	abstract	X title
	The abstract		Division and the definitive text is attached to this

REFUND OF THE SEARCH FEE

The following figure will be published together with the abstract:

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.



EUROPEAN SEARCH REPORT

EP 02 25 0410

	Citation of document with in	ERED TO BE RELEVANT dication, where appropriate,	Relevant	CLASSIFICATION OF THE
Category	of relevant pass		to claim	APPLICATION (Int.CI.7)
A	PATENT ABSTRACTS OF vol. 003, no. 009 (26 January 1979 (19 -& JP 53 136939 A (29 November 1978 (1 * abstract * * figures 2-5 *	E-086), 79-01-26) FUJITSU LTD),	1	H01P3/12 H01P5/107
Α .	US 6 040 739 A (DOW 21 March 2000 (2000 * abstract * * column 1, line 55 * column 3, line 36 * figure 1 * * column 6, line 1 * figure 6 *	-03-21) - line 61 * - line 47 *	1,2	
A	US 2 574 790 A (KIN 13 November 1951 (1 * column 1, line 31 * column 3, line 56 * column 5, line 39 * figures 10,11 *	951-11-13) - line 39 * - line 65 *	1	TECHNICAL FIELDS SEARCHED (Int.CI.7) H01P H05K
Α .	CA 2 197 909 A (QIU (US)) 6 September 1 * abstract * * figure 1 *	XING XING ;SHIH YI C 998 (1998-09-06) 	HI 1	H01Q
	· · · · · · · · · · · · · · · · · · ·			·
	The present except count has	book drawn up for all slaims		
	The present search report has	·		Examiner
	Place of search	Date of completion of the search		
	THE HAGUE	4 September 20		stor Jiménez, J-V
X : part Y : part doct A : tech	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with anotument of the same category mological background written disclosure	E : earlier pater after the filin her D : document c L : document c	inciple underlying the nt document, but pub ig date ited in the application ited for other reasons the same patent fami	lished on, or

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 02 25 0410

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

04-00-2003

Patent docum	ent eport	Publication date		Patent family member(s)	Publication date
JP 53136939	Α	29-11-1978	NONE		
US 6040739	A	21-03-2000	NONE		
US 2574790	Α .	13-11-1951	GB	643984 A	04-10-1950
CA 2197909	· A	06-09-1998	CA	2197909 A1	06-09-1998
				•	
		·			
				. •	
	:				